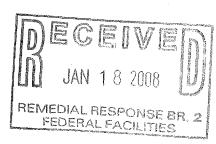


CHEMICALS DIVISION

January 11, 2008



Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590



Certified Mail, Return Receipt: 7004 1160 0003 4668 9368

Subject:

Monthly Status Report-December 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the month of December 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib Operations Manager

Thomas W. Stul

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 DETREX SOURCE AREA MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

Month of December 2007.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD	YEAR TO DATE	TOTAL
	GALLONS	GALLONS	GALLONS
Estimated DNAPL Recovered	-0- (Does not include volume in settling tank)	1,000	14,980
DNAPL Disposed	-0-	-0-	13,980

- A. There was no DNAPL pumped from the inside settling tank to the outside settling tank.
- B. Vacuum is at 20 inches.
- C. Wells 1, 2, 4, 5, 6, 9, 10, 11, and 12 have been repaired and are being pumped on a regular basis.
- D. Well 3, 7, and 8 are not pumpable and will be repaired.
- E. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- F. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
- G. The collection trench sumps, sample wells, and north sewer were all sampled in December. The results are attached.
- H. The western experimental well is nearly installed. The final tie-ins need to be made from the pump to the collection system.

- A. Continue re-developing the wells due to excessive silt build up.
- B. All wells that are not pumpable will be attempted to be brought back on line.
- C. Finish installing two experimental wells. We received the repaired drive cables January 4. The pumps are being installed as quickly as possible as weather permits.
- D. Winterization.

1/11/2008 8:42

Detrex Collection Trench Analyses

Note: Collection Trench #1 is the middle sump.

Collection Trench #2 is the eastern sump.

Collection Trench #3 is the western sump. Sump #3 pumps into Sump #1.

Date Sampled	11/26/2007	11/26/2007	11/26/2007	
Sump Number	1	2	3	
VOC	 		<u>~</u>	
1,1,1-Trichloroethane, ug/l	<5.0	<5.0	<5.0	
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<5.0	<5.0	
1,1,2-Trichloroethane, ug/l	<5.0	<5.0	<5.0	
1,1-Dichloroethane, ug/l	<5.0	<5.0	<5.0	
1,1-Dichloroethene, ug/l	<5.0	<5.0	<5.0	
1,2-Dichloroethane, ug/l	<5.0	<5.0	<5.0	
Choroform, ug/l	<5.0	<5.0	<5.0	
cis-1,2-Dichloroethene, ug/l	<5.0	58	<5.0	
Methylene Chloride, ug/l	<10.0	<10.0	<10.0	
Tetrachloroethene, ug/l	<5.0	<5.0	<5.0	
trans-1,3-Dichloroethene, ug/l	<5.0	<5.0	<5.0	i
Trichloroethene, ug/l	<5.0	17.8	<5.0	
SVOC				
Date Sampled	12/7/2007	12/7/2007	12/7/2007	
1,2,4-Trichlorobenzene, ug/l	<20	<20	<20	
1,2-Dichlorobenzene, ug/l	<10	<10	<10	
1,4-Dichlorobenzene, ug/l	<10	<10	<10	
1,3-Dichlorobenzene, ug/l	<10	<10	<10	
Hexachlorobenzene, ug/l	<10	<10	<10	
Hexachlorobutadiene, ug/l	<10	<10	<10	
Hexachloroethane,ug/l	<10	<10	<10	
Date Sampled	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Sump Number	1	2	3	Field Blank
VOC				
1,1,1-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	3.45	<1.0	<1.0
1,1,2-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene, ug/l	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0
Choroform, ug/l	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene, ug/l	<1.0	199	<1.0	<1.0
Methylene Chloride, ug/l	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene, ug/l	5.85	25.1	<1.0	<1.0
trans-1,3-Dichloroethene, ug/l	<1.0	6.90	<1.0	<1.0
Trichloroethene, ug/l	7.22	72.1	<1.0	<1.0
SVOC				
1,2,4-Trichlorobenzene, ug/l	<10	<10	<10	<10
1,2-Dichlorobenzene, ug/l	<10	<10	<10	<10

1,4-Dichlorobenzene, ug/l	<10	<10	<10	<10
1,3-Dichlorobenzene, ug/l	<10	<10	<10	<10
Hexachlorobenzene, ug/l	<10	<10	<10	<10
Hexachlorobutadiene, ug/l	<10	<10	<10	<10
Hexachloroethane,ug/l	<10	<10	<10	<10

1/11/2008 8:50

North Sewer Collection Trench Water Analyses Ashtabula, OH

Date Sampled	11/26/2007	
North Sewer	Water	
VOC		
1,1,1-Trichloroethane, ug/l	<5.0	
1,1,2,2-Tetrachloroethane, ug/l	<5.0	
1,1,2-Trichloroethane, ug/l	<5.0	
1,1-Dichloroethane, ug/l	<5.0	
Choroform, ug/l	<5.0	
cis-1,2-Dichloroethene, ug/l	44.8	
Methylene Chloride, ug/l	<10.0	
Tetrachloroethene, ug/l	49.5	
Trichloroethene, ug/l	124	
PCB		
Aroclor 1016	<1	
Aroclor 1221	<1	
Aroclor 1232	<1	
Aroclor 1242	<1	
Aroclor 1248	<1	
Aroclor 1254	<1	
Aroclor 1260	<1	

Date Sampled	9/28/2007	9/28/2007
North Sewer	Water	Field Blank
VOC		
1,1,1-Trichloroethane, ug/l	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	167	<1.0
1,1,2-Trichloroethane, ug/l	18.6	<1.0
1,1-Dichloroethane, ug/l	<1.0	<1.0
Choroform, ug/l	1.86	<1.0
Methylene Chloride, ug/l	<2.0	<4.0
Trichloroethene, ug/l	2520	<1.0
1,3-Dichlorobenzene, ug/l	<1.0	<10
PCB		
Aroclor 1016	<12.5	<12.5
Aroclor 1221	<12.5	<12.5
Aroclor 1232	<12.5	<12.5
Aroclor 1242	<12.5	<12.5
Aroclor 1248	<12.5	<12.5
Aroclor 1254	<12.5	<12.5
Aroclor 1260	<12.5	<12.5

Detrex Ashtabula, OH Well Water and DNAPL Levels

January 11, 2008

December 18, 2007				
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.30	18.40	26.80	8.40
RMW-2	5.60	20.60	23.90	3.30
RMW-3	6.10	15.10	24.90	9.80
MW-7	6.10	6.80	14.50	7.70
MW-10	7.10	None	19.90	None
MW-02S	3.90	None	15.10	None
MW-02D	5.80	None	52.20	None
MW-04S	6.50	None	16.70	None
MW-17D	6.20	None	50.30	None
MW-17S	5.90	None	17.20	None
MW-18D	6.10	None	52.60	None
MW-18S	2.70	None	17.20	None
MW-21	3.20	None	28.30	None
SLURRY NORTH	8.10	None	18.40	None
SLURRY SOUTH	9.00	None	22.20	None

Note: Depths measured in feet from top of outer protective casing.

September 12, 2007				
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	5.10	18.50	26.80	8.30
RMW-2	5.70	20.60	23.70	3.10
RMW-3	10.00	12.70	24.80	12.10
MW-7	6.60	9.20	14.20	5.00
MW-10	5.00	18.60	20.10	1.50
MW-02S	9.10	None	15.10	None
MW-02D	6.20	None	52.50	None
MW-04S	6.30	None	16.60	None
MW-17D	4.90	None	50.80	None
MW-17S	15.40	None	17.20	None
MW-18D	5.90	None	52.60	None
MW-18S	12.00	None	17.10	None
MW-21	5.90	None	28.30	None
SLURRY NORTH	8.60	None	18.40	None
SLURRY SOUTH	9.60	None	22.20	None

May 21, 2007				
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.20	19.40	26.80	7.40
RMW-2	6.10	20.90	23.80	2.90
RMW-3	7.40	14.70	24.80	10.10
MW-7	6.60	9.20	14.20	5.00
MW-10	5.00	18.60	20.10	1.50
MW-01S	Well no longe	r exists.		
MW-02S	4.20	None	15.10	None
MW-02D	37.00	None	52.80	None
MW-04S	7.00	None	16.80	None
MW-17D	3.50	None	50.50	None
MW-17S	4.60	None	17.20	None
MW-18D	7.00	None	53.10	None
MW-18S	2.80	None	17.20	None
MW-20S				
MW-21	5.20	None	28.20	None
SLURRY NORTH	8.70	None	18.90	None
SLURRY SOUTH	10.60	None	22.40	None
RMIMW-05S	Well no longe	r exists.		

February 2, 2007	l			
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.10	18.00	26.70	8.70
RMW-2	6.00	20.30	23.80	3.50
RMW-3	6.00	15.50	24.80	9.30
MVV-7	6.00	6.60	14.40	7.80
MW-10	5.00	18.70	20.30	1.60
MW-01S	Well no longe	r exists.		
MW-02S	2.80	None	14.90	None
MW-02D	37.60	None	52.90	None
MW-04S	7.00	None	16.70	None
MW-17D	5.80	None	50.70	None
MW-17S	3.10	None	17.20	None
MW-18D	14.60	None	51.00	None
MW-18S	2.60	None	17.00	None
MW-20S				
MVV-21	3.50	None	28.20	None
SLURRY NORTH	Access	Blocked		

SLURRY SOUTH	Access	Blocked	
RMIMW-05S	Well no longe	r exists.	

November 7, 2006				
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.50	18.00	26.60	8.60
RMW-2	6.10	20.40	23.80	3.40
RMW-3	6.30	15.50	24.80	9.30
MW-7	6.60	6.70	14.40	7.70
MW-10	5.10	18.80	20.20	1.40
MW-01S	Well no longe	r exists.		
MW-02S	3.10	None	15.00	None
MW-02D	38.50	None	52.90	None
MW-04S	6.40	None	16.70	None
MW-17D	10.40	None	50.40	None
MW-17S	3.20	None	17.20	None
MW-18D	14.20	None	52.50	None
MW-18S	1.80	None	17.20	None
MW-20S				
MW-21	3.50	None	28.20	None
SLURRY NORTH	Access	Blocked		
SLURRY SOUTH	Access	Blocked]	
RMIMW-05S	Well no longe	r exists.		

August 9, 2006	1			
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.60	19.70	26.80	7.10
RMW-2	5.70	21.40	23.90	2.50
RMW-3	7.70	16.60	24.90	8.30
MW-7	NA	NA	NA	NA
MW-10	5.10	18.80	20.00	1.20
MW-01S	Well no longe	er exists.		
MW-02S	3.80	None	15.10	None
MW-02D	16.70	None	52.90	None
MW-04S	6.70	None	16.70	None
MW-17D	15.50	None	50.80	None
MW-17S	7.20	None	17.10	None
MW-18D	19.90	None	53.10	None
MW-18S	4.70	None	17.00	None

MW-20S				
MW-21	4.80	None	28.30	None
SLURRY NORTH	Access	Blocked		
SLURRY SOUTH	Access Blocked			
RMIMW-05S	Well no longe			

May 18, 2006]				
Well	Depth	Depth	Depth to	Depth of	
Number	To Water	to DNAPL	Bottom	DNAPL	
RMW-1	4.20	19.40	26.80	7.40	
RMW-2	5.30	21.00	23.80	2.80	
RMW-3	6.40	14.60	18.20	3.60	
MW-7	NA	NA	NA	NA	
MW-10	5.00	None	20.10	None	
MW-01S	Well no longe	Well no longer exists.			
MW-02S	2.90	None	14.90	None	
MW-02D	24.80	None	52.20	None	
MW-04S	5.50	None	16.80	None	
MW-17D	26.30	None	50.30	None	
MW-17S	3.30	None	17.20	None	
MW-18D	30.00	None	52.60	None	
MW-18S	1.90	None	17.20	None	
MW-20S					
MW-21	4.00	None	28.30	None	
SLURRY NORTH	7.50	None	18.80	None	
SLURRY SOUTH	9.00	None	22.40	None	
RMIMW-05S	Well no longe	r exists.			

March 16, 2006]			
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	3.90	19.90	26.80	6.90
RMW-2	5.10	21.70	23.80	2.10
RMW-3	5.00	15.80	18.20	2.40
MW-7	6.50	6.90	14.50	7.60
MVV-10	5.30	19.00	21.10	2.10
MW-01S	Well no longe	r exists.		
MVV-02S	3.00	None	15.00	None
MW-02D	38.60	None	53.00	None
MW-04S	6.90	None	16.60	None
MW-17D	37.50	None	50.70	None

					•
MW-17S	3.40	None	17.20	None	
MW-18D	38.70	None	52.60	None	
MW-18S	2.00	None	17.20	None	
MW-20S					}
MW-21	3.40	None	28.20	None	
SLURRY NORTH	7.80	None	20.20	None	3/22/2006
SLURRY SOUTH	8.80	None	22.30	None	3/22/2006
RMIMW-05S	Well no longe				

December 14, 2005					
Well	Depth	Depth	Depth to	Depth of	
Number	To Water	to DNAPL	Bottom	DNAPL	
RMW-1	4.20	19.70	26.80	7.10	
RMW-2	5.40	21.80	23.90	2.10	
RMW-3	6.10	14.80	18.30	3.50	
MW-7	7.30	7.80	14.70	6.90	
MW-10	7.00	19.00	20.20	1.20	
MW-01S	Well no longe	Well no longer exists.			
MW-02S	3.50	None	15.10	None	
MW-04S	6.90	None	16.90	None	
MW-17D	7.30	None	50.40	None	
MW-17S	10.20	None	17.20	None	
MW-18D	7.30	None	52.60	None	
MW-18S	2.60	None	17.30	None	
MW-20S					
MW-21	3.80 N one		28.30	None	
RMIMW-05S	Well no longe	r exists.			

September 29, 2005				
Well	Depth Depth		Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	5.70	19.10	27.20	8.10
RMW-2	6.10	21.50	24.40	2.90
RMW-3	10.20	12.90	18.80	5.90
MW-7	8.00	8.30	14.80	6.50
MW-10	11.60	19.00	20.10	1.10
MW-01S	Well no longe	r exists.		
MW-02S	7.00	None	15.10	None
MW-04S	6.80	None	16.90	None
MW-17D	6.00	None	50.20	None
MW-17S	15.20	None	17.20	None

MW-18D	5.80	None	52.60	None
MW-18S	8.40	None	17.20	None
MW-20S				
MW-21	4.80	None	28.30	None
RMIMW-05S	Well no longe	Well no longer exists.		

June 5, 2005]				
Well	Depth Depth		Depth to	Depth of	
Number	To Water	to DNAPL	Bottom	DNAPL	
RMW-1	5.20	19.80	23.80	4.00	
RMW-2	6.50	21.80	26.00	4.20	
RMW-3	8.80	13.80	17.80	4.00	
MW-01S	Well no longe	Well no longer exists.			
MW-02S	6.10	None	15.05	None	
MW-04S	7.30	None	17.10	None	
MW-17D	3.80	None	50.40	None	
MW-17S	7.50	None	17.30	None	
MW-18D	3.60	None	52.60	None	
MW-18S	5.10	None	17.30	None	
MW-20S					
MW-21	5.80 None		28.30	None	
RMIMW-05S	Well no longe	Well no longer exists.			

Note: Depths measured in feet from top of outer protective casing.

March 31, 2005	1				
Well	Depth	Depth	Depth to	Depth of	
Number	To Water	to DNAPL	Bottom	DNAPL	
RMW-1	5.20	21.70	23.80	2.10	
RMW-2	4.23	22.40	26.00	3.60	
RMW-3	6.06	16.50	17.80	1.30	
MW-01S	Well no longe	Well no longer exists.			
MW-02S	2.79		15.10	None	
MW-04S	7.31		16.20	None	
MW-17D	3.32		50.30	None	
MW-17S	3.37		16.70	None	
MW-18D	4.12		52.65	None	
MW-18S	1.93		17.20	None	
MW-20S	8.90		20.70	None	
MW-21	4.08		28.20	None	
RMIMW-05S	Well no longe	r exists.			

September 1, 2004		
Well Number	Water Depth	DNAPL Depth
RMW-1	14.5	3.1
RMW-2	8.0	12.2
RMW-3	4.2	5.0

June 7, 2004		
Well Number	Water Depth	DNAPL Depth
RMW-1	14.9	3.1
RMW-2	14.3	7.1
RMW-3	6.3	4.6

ex Ashtabula, OH DNAPL Well VOC Analyses

January 11, 2008

Date Sampled	11/26/07	11/26/07	11/26/07	11/26/07	11/26/07	11/26/07	11/26/07	11/26/07	11/26/07
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	<5.0	<1.0	<25.0	<50.0	<1.0	<1.0	<5.0	<5.0	ND
1,1,2,2-Tetrachloroethane, ug/l	<5.0	<1.0	<25.0	3,073	<1.0	<1.0	<5.0	<5.0	ND
1,1,2-Trichloroethane, ug/l	<5.0	<1.0	57	<50.0	<1.0	<1.0	<5.0	<5.0	ND
1,1-Dichloroethene, ug/l	<5.0	<1.0	1,240	333	<1.0	<1.0	<5.0	<5.0	ND
1,3-Dichlorobenzene, ug/l	NA	ND							
Choroform, ug/l	<5.0	<1.0	<25.0	447	<1.0	<1.0	<5.0	<5.0	ND
Methylene Chloride, ug/l	<10.0	<4.0	<100	<200	<4.0	<4.0	<10.0	<10.0	ND
Trichloroethene, ug/l	<5.0	<1.0	41,100	63,160	<1.0	<1.0	<5.0	<5.0	ND
Date Sampled	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	ND								
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	36	2380	ND	ND	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	62	32	ND	ND	ND	ND	ND
1,1-Dichloroethene, ug/l	ND	ND	1,160	185	ND	ND	ND	ND	ND
1,3-Dichlorobenzene, ug/l	ND								
Choroform, ug/l	ND	ND	ND	298	ND	ND	ND	ND	ND
Methylene Chloride, ug/l	ND								
Trichloroethene, ug/l	ND	ND	40,900	57,560	ND	3.83	ND	1.02	ND
Date Sampled	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07
Well Number	MW-21	MW-02S	MW-048	MW-10	MW-178	MVV-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	ND								
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	1910	ND	ND	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	47	34	ND	ND	ND	ND	ND
1,1-Dichloroethene, ug/l	ND	ND	890	186	ND	ND	ND	ND	ND

1,3-Dichlorobenzene, ug/l	ND	ND	ND	ND	ND	ND	ND	ND	N
Choroform, ug/l	ND	ND	ND	330	ND	ND	ND	ND	N
Methylene Chloride, ug/l	ND	ND	ND	ND	ND	ND	ND	ND	N
Trichloroethene, ug/l	ND	ND	39,300	66,600	ND	ND	ND	8.93	N
, , , , , , , , , , , , , , , , , , ,			00,000						
Date Sampled	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07		
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	Trip Blank		
VOC									
1,1,1-Trichloroethane, ug/l	ND	ND	ND	ND	ND	ND	ND		
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	1920	ND	ND	ND		
1,1,2-Trichloroethane, ug/l	ND	ND	ND	ND	ND	ND	ND		
1,1-Dichloroethene, ug/l	ND	ND	771	ND	ND	ND	ND		
1,3-Dichlorobenzene, ug/l	ND	ND	ND	ND	ND	ND	ND		
Choroform, ug/l	ND	ND	ND	287	ND	ND	ND		
Methylene Chloride, ug/l	ND	ND	ND	ND	ND	ND	ND		
Trichloroethene, ug/l	ND	ND	35,400	59,400	2.61	ND	ND		
									
Date Sampled	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06		
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	Trip Blank		
VOC									
1,1,1-Trichloroethane, ug/l	ND	ND	ND	9.64	ND	ND	ND		
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	2620	ND	ND	ND		
1,1,2-Trichloroethane, ug/l	ND	ND	61.6	80	ND	ND	ND		
1,1-Dichloroethene, ug/l	ND	ND	806	ND	ND	ND	ND		
1,3-Dichlorobenzene, ug/l	ND	ND	ND	ND	ND	ND	ND		
Choroform, ug/l	ND	ND	ND	405	ND	ND	ND		
Methylene Chloride, ug/l	ND	ND	ND	ND	ND	ND	ND		
Trichloroethene, ug/l	ND	ND	40,500	77,000	ND	ND	ND		
Date Sampled	09/15/06	08/10/06	08/10/06	08/10/06	08/10/06	08/10/06	08/10/06		
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	Trip Blank		
VOC									
1,1,1-Trichloroethane, ug/l	ND	ND	ND	6.56	ND	ND	ND		
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	3320	ND	ND	ND		
1,1,2-Trichloroethane, ug/l	ND	ND	58.5	31.3	ND	ND	ND		
1,1-Dichloroethene, ug/l	ND	ND	798	ND	ND	ND	ND		
1,3-Dichlorobenzene, ug/l	ND	ND	ND	ND	ND	ND	ND		

—)___ }





December 14, 2007

Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4668 9344

Subject:

Monthly Status Report-November 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the month of November 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib Operations Manager

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 DETREX SOURCE AREA

MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

Month of November 2007.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD GALLONS	YEAR TO DATE GALLONS	TOTAL GALLONS
Estimated DNAPL Recovered	-0- (Does not include volume in settling tank)	1,000	14,980
DNAPL Disposed	-0-	-0-	13,980

- A. There was no DNAPL pumped from the inside settling tank to the outside settling tank.
- B. Vacuum is at 20 inches.
- C. Wells 1, 2, 4, 5, 6, 9, 10, 11, and 12 have been repaired and are being pumped on a regular basis.
- D. Well 3, 7 and 8 are not pumpable and will be repaired.
- E. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- F. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.

- A. Continue re-developing the wells due to excessive silt build up.
- B. All wells that are not pumpable will be attempted to be brought back on line.
- C. Install two experimental wells. We had to return the fiberglass drive cable on each pump as they were damaged on delivery. We are awaiting return of the drive cables and awaiting delivery of additional miscellaneous parts. Other parts are being installed in the meantime.
- D. Winterization.
- E. Sampling and analyzing water from the sample wells, collection trench sumps, and North sewer sump.





November 5, 2007

Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4668 9320

Subject:

Monthly Status Report-October 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the month of October 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib Operations Manager

ma W. Steel

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 DETREX SOURCE AREA MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

Month of October 2007.

1. Progress Made This Reporting Period:

THIS PERIOD	YEAR TO DATE	TOTAL
GALLONS	GALLONS	GALLONS
250 (Does not include volume in settling tank)	1,000	14,980
-0-	-0-	13,980
	GALLONS 250 (Does not include volume in settling tank)	GALLONS GALLONS 250 (Does not include volume in settling tank) GALLONS 1,000

- A. There was no DNAPL pumped from the inside settling tank to the outside settling tank. The DNAPL that was recovered was from the water/DNAPL recovered from drilling the two experimental wells earlier.
- B. Vacuum is at 20 inches.
- C. Wells 1, 2, 4, 5, 6, 9, 10, 11, and 12 have been repaired and are being pumped on a regular basis.
- D. Well 3, 7 and 8, are not pumpable and will be repaired.
- E. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- F. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.

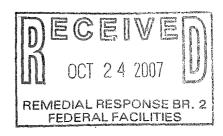
- A. Continue re-developing the wells due to excessive silt build up.
- B. Will continue with different amounts of vacuum and air assist to optimize yield of DNAPL.
- C. All wells that are not pumpable will be attempted to be brought back on line.
- D. Drilling for the two additional experimental wells has been completed. We are awaiting delivery of the two pumps for installation.
- E. Winterization.





October 17, 2007

Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590



Certified Mail, Return Receipt: 7004 1160 0003 4668 9313

Subject:

Monthly Status Report-September 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the month of September 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib Operations Manager

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 DETREX SOURCE AREA MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

Month of September 2007.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD	YEAR TO DATE	TOTAL
	GALLONS	GALLONS	GALLONS
Estimated DNAPL Recovered	-0-(Does not include volume in settling tank)	750	14,730
DNAPL Disposed	-0-	-0-	13,980

- A. There was no DNAPL pumped from the inside settling tank to the outside settling tank.
- B. Vacuum is at 20 inches.
- C. Wells 1, 2, 4, 5, 6, 9, 10, 11 and 12 have been repaired and are being pumped on a regular basis.
- D. Well 3, 7, and 8 are not pumpable and will be repaired.
- E. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- F. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
- G. The three sumps of the collection trench started pumping on July 5. The sampling program will be similar to that of the sample wells, each sump once per quarter for VOCs. See results of sampling, attached.
- H. Results of sample wells are attached.
- I. The North Sewer water has been sampled and disposed of through our storm water treatment system. Results are attached.

- A. Continue re-developing the wells due to excessive silt build up.
- B. Will continue with different amounts of vacuum and air assist to optimize yield of DNAPL.
- C. All wells that are not pumpable will be attempted to be brought back on line.
- D. Drilling for the two additional experimental wells has been completed. We are awaiting delivery of the two pumps for installation.

10/17/2007 8:52

Detrex Collection Trench Analyses

Note: Collection Trench #1 is the middle sump.

Collection Trench #2 is the eastern sump.

Collection Trench #3 is the western sump. Sump #3 pumps into Sump #1.

Date Sampled	9/21/2007	9/21/2007	9/21/2007	9/21/2007
Sump Number	1	2	3	Field Blank
VOC				
1,1,1-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	3.45	<1.0	<1.0
1,1,2-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene, ug/l	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0
Choroform, ug/l	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene, ug/l	<1.0	199	<1.0	<1.0
Methylene Chloride, ug/l	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene, ug/l	5.85	25.1	<1.0	<1.0
trans-1,3-Dichloroethene, ug/l	<1.0	6.90	<1.0	<1.0
Trichloroethene, ug/l	7.22	72.1	<1.0	<1.0
SVOC				
1,2,4-Trichlorobenzene, ug/l	<10	<10	<10	<10
1,2-Dichlorobenzene, ug/l	<10	<10	<10	<10
1,4-Dichlorobenzene, ug/l	<10	<10	<10	<10
1,3-Dichlorobenzene, ug/l	<10	<10	<10	<10
Hexachlorobenzene, ug/l	<10	<10	<10	<10
Hexachlorobutadiene, ug/l	<10	<10	<10	<10
Hexachloroethane,ug/l	<10	<10	<10	<10

10/17/2007 8:49

North Sewer Collection Trench Water Analyses

Date Sampled	9/28/2007	9/28/2007
North Sewer	Water	Field Blank
VOC		
1,1,1-Trichloroethane, ug/l	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	167	<1.0
1,1,2-Trichloroethane, ug/l	18.6	<1.0
1,1-Dichloroethane, ug/l	<1.0	<1.0
Choroform, ug/l	1.86	<1.0
Methylene Chloride, ug/l	<2.0	<4.0
Trichloroethene, ug/l	2520	<1.0
1,3-Dichlorobenzene, ug/l	<1.0	<10
PCB		
Aroclor 1016	<12.5	<12.5
Aroclor 1221	<12.5	<12.5
Aroclor 1232	<12.5	<12.5
Aroclor 1242	<12.5	<12.5
Aroclor 1248	<12.5	<12.5
Aroclor 1254	<12.5	<12.5
Aroclor 1260	<12.5	<12.5

Detrex Ashtabula, OH DNAPL Well VOC Analyses

October 16, 2007

October 16, 2007									
Date Sampled	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07	09/13/07
Well Number	MW-21	MW-02S	MW-04S	MVV-10	MVV-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	ND	ND	ND						
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	36	2380	ND	ND	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	62	32	ND	ND	ND	ND	ND
1,1-Dichloroethene, ug/l	ND	ND	1,160	185	ND	ND	ND	ND	ND
1,3-Dichlorobenzene, ug/l	ND	ND	ND						
Choroform, ug/l	ND	ND	ND	298	ND	ND	ND	ND	ND
Methylene Chloride, ug/l	ND	ND	ND						
Trichloroethene, ug/l	ND	ND	40,900	57,560	ND	3.83	ND	1.02	ND
Date Sampled	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07
Well Number	MW-21	MW-02S	MW-04S	MVV-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blank
VOC									
1,1,1-Trichloroethane, ug/l	ND	ND	ND						
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	1910	ND	ND	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	47	34	ND	ND	ND	ND	ND
1,1-Dichloroethene, ug/l	ND	ND	890	186	ND	ND	ND	ND	ND
1,3-Dichlorobenzene, ug/l	ND	ND	ND	ND	ND	ND	ND_	ND	ND
Choroform, ug/l	ND	ND	ND	330	ND	ND	ND	ND	ND
Methylene Chloride, ug/l	ND	ND	ND						
Trichloroethene, ug/l	ND	ND	39,300	66,600	ND	ND	ND	8.93	ND
Date Sampled	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07		
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	Trip Blank		
VOC									
1,1,1-Trichloroethane, ug/l	ND								
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	1920	ND	ND	ND		
1,1,2-Trichloroethane, ug/l	ND								
1,1-Dichloroethene, ug/l	ND	ND	771	ND	ND	ND	ND		
1,3-Dichlorobenzene, ug/l	ND								

Choroform, ug/l	ND	ND	ND	287	ND	ND	ND
Methylene Chloride, ug/l	ND						
Trichloroethene, ug/l	ND	ND	35,400	59,400	2.61	ND	ND
Date Sampled	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06
Well Number	MW-21	MW-02S	MW-04S	MW-10	MVV-17S	MW-18S	Trip Blank
VOC							
1,1,1-Trichloroethane, ug/l	ND	ND	ND	9.64	ND	ND	ND
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	2620	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	61.6	80	ND	ND	ND
1,1-Dichloroethene, ug/l	ND	ND	806	ND	ND	ND	ND
1,3-Dichlorobenzene, ug/l	ND						
Choroform, ug/l	ND	ND	ND	405	ND	ND	ND
Methylene Chloride, ug/l	ND						
Trichloroethene, ug/l	ND	ND	40,500	77,000	ND	ND	ND
Date Sampled	09/15/06	08/10/06	08/10/06	08/10/06	08/10/06	08/10/06	08/10/06
Well Number	MW-21	MW-02S	MW-04S	MVV-10	MW-17S	MW-18S	Trip Blank
VOC							
1,1,1-Trichloroethane, ug/l	ND	ND	ND	6.56	ND	ND	ND
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	3320	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	58.5	31.3	ND	ND	ND
1,1-Dichloroethene, ug/l	ND	ND	798	ND	ND	ND	ND
1,3-Dichlorobenzene, ug/l	ND						
Choroform, ug/l	ND	ND	ND	334	ND	ND	ND
Methylene Chloride, ug/l	ND						
Trichloroethene, ug/l	ND	ND	33,200	45,300	ND	ND	ND
Date Sampled	05/19/06	05/19/06	05/19/06	05/19/06	05/19/06	05/19/06	05/19/06
Well Number	MW-21	MW-02S	MW-04S	MVV-10	MW-17S	MW-18S	Trip Blank
VOC	-						
1,1,1-Trichloroethane, ug/l	ND						
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	2060	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND						
1,1-Dichloroethene, ug/l	ND	ND	736	ND	ND	ND	ND
1,3-Dichlorobenzene, ug/l	ND						
Choroform, ug/l	ND						

Detrex Ashtabula, OH Well Water and DNAPL Levels

October 16, 2007

September 12, 2007			_	
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	5.10	18.50	26.80	8.30
RMW-2	5.70	20.60	23.70	3.10
RMW-3	10.00	12.70	24.80	12.10
MW-7	6.60	9.20	14.20	5.00
MW-10	5.00	18.60	20.10	1.50
MW-02S	9.10	None	15.10	None
MW-02D	6.20	None	52.50	None
MW-04S	6.30	None	16.60	None
MW-17D	4.90	None	50.80	None
MW-17S	15.40	None	17.20	None
MW-18D	5.90	None	52.60	None
MW-18S	12.00	None	17.10	None
MW-21	5.90	None	28.30	None
SLURRY NORTH	8.60	None	18.40	None
SLURRY SOUTH	9.60	None	22.20	None

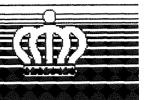
May 21, 2007				
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.20	19.40	26.80	7.40
RMW-2	6.10	20.90	23.80	2.90
RMW-3	7.40	14.70	24.80	10.10
MW-7	6.60	9.20	14.20	5.00
MW-10	5.00	18.60	20.10	1.50
MW-01S	Well no longe	er exists.		
MW-02S	4.20	None	15.10	None
MW-02D	37.00	None	52.80	None
MW-04S	7.00	None	16.80	None
MW-17D	3.50	None	50.50	None
MW-17S	4.60	None	17.20	None
MW-18D	7.00	None	53.10	None
MW-18S	2.80	None	17.20	None
MW-20S				
MW-21	5.20	None	28.20	None
SLURRY NORTH	8.70	None	18.90	None

SLURRY SOUTH	10.60	None	22.40	None
RMIMW-05S	Well no longe			

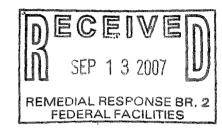
February 2, 2007]			
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.10	18.00	26.70	8.70
RMW-2	6.00	20.30	23.80	3.50
RMW-3	6.00	15.50	24.80	9.30
MW-7	6.00	6.60	14.40	7.80
MW-10	5.00	18.70	20.30	1.60
MW-01S	Well no longe	r exists.		
MW-02S	2.80	None	14.90	None
MW-02D	37.60	None	52.90	None
MW-04S	7.00	None	16.70	None
MW-17D	5.80	None	50.70	None
MW-17S	3.10	None	17.20	None
MW-18D	14.60	None	51.00	None
MW-18S	2.60	None	17.00	None
MW-20S				
MW-21	3.50	None	28.20	None
SLURRY NORTH	Access	Blocked		
SLURRY SOUTH	Access	Blocked		
RMIMW-05S	Well no longe	r exists.		

November 7, 2006]			
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.50	18.00	26.60	8.60
RMW-2	6.10	20.40	23.80	3.40
RMW-3	6.30	15.50	24.80	9.30
MW-7	6.60	6.70	14.40	7.70
MW-10	5.10	18.80	20.20	1.40
MW-01S	Well no longe	r exists.		
MW-02S	3.10	None	15.00	None
MW-02D	38.50	None	52.90	None
MW-04S	6.40	None	16.70	None
MW-17D	10.40	None	50.40	None
MW-17S	3.20	None	17.20	None
MW-18D	14.20	None	52.50	None
MW-18S	1.80	None	17.20	None





September 7, 2007



Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4669 0036

Subject:

Monthly Status Report-August 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the month of August 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib Operations Manager

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 DETREX SOURCE AREA MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

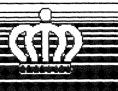
Month of August 2007.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD	YEAR TO DATE	TOTAL
	GALLONS	GALLONS	GALLONS
Estimated DNAPL Recovered	150 (Does not include volume in settling tank)	750	14,730
DNAPL Disposed	-0-	-0-	13,980

- A. This was the first month in three months there was sufficient volume of DNAPL recovered to warrant pumping from the inside settling tank to the outside settling tank.
- B. Vacuum is at 20 inches.
- C. Wells 1, 2, 4, 5, 6, 9, 11 and 12 have been repaired and are being pumped on a regular basis.
- D. Well 3, 7, 8, and 10 are not pumpable and will be repaired.
- E. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- F. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
- G. The three sumps of the collection trench started pumping on July 5. The sampling program will be similar to that of the sample wells, each sump once per quarter for VOCs. They will be sampled the week of September 17.
- 2. Work Planned During the Next 90 Days.
 - A. Continue re-developing the wells due to excessive silt build up.
 - B. Will continue with different amounts of vacuum and air assist to optimize yield of DNAPL.
 - C. All wells that are not pumpable will be attempted to be brought back on line.
 - D. Drilling for the two additional experimental wells will begin September 10.





August 2, 2007

Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4668 9290

Subject:

Monthly Status Report-July 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the month of July 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib Operations Manager

Homas W. Stel

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 **DETREX SOURCE AREA**

MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

Month of July 2007.

1. Progress Made This Reporting Period:

THIS PERIOD	YEAR TO DATE	TOTAL
GALLONS	GALLONS	GALLONS
-0- (Does not include volume in settling tank)	600	14,780
-0-	-0-	13,980
	GALLONS -0- (Does not include volume in settling tank)	GALLONS GALLONS -0- (Does not include volume in settling tank)

- A. There was insufficient volume of DNAPL recovered in June to warrant pumping from the inside settling tank to the outside settling tank.
- B. Vacuum is at 20 inches.
- C. Wells 1, 2, 4, 5, 6, 9, 10, 11 and 12 have been repaired and are being pumped on a regular basis.
- D. Well 3, 7, and 8 are not pumpable and will be repaired.
- E. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- F. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
- G. The three sumps of the collection trench started pumping on July 5. The sampling program will be similar to that of the wells, each sump once per guarter for VOCs.

- A. Continue re-developing the wells due to excessive silt build up.
- B. Will continue with different amounts of vacuum and air assist to optimize yield of DNAPL.
- C. All wells that are not pumpable will be attempted to be brought back on line.





July 12, 2007

Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4668 9283

Subject:

Monthly Status Report-June 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the month of June 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib Operations Manager

Homas W. Stal

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 DETREX SOURCE AREA MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

Month of June 2007.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD	YEAR TO DATE	TOTAL
	GALLONS	GALLONS	GALLONS
Estimated DNAPL Recovered	150 (Does not include volume in settling tank)	600	14,780
DNAPL Disposed	-0-	-0-	13,980

- A. Vacuum is at 20 inches.
- B. Wells 1, 2, 4, 5, 6, 9, 10, 11 and 12 have been repaired and are being pumped on a regular basis.
- C. Well 7 was repaired for a short time but is again not pumpable.
- D. Well number 8 is not pumpable and will be repaired.
- E. Well 3 is not pumpable and needs repaired.
- F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
- H. The three sumps of the collection trench started pumping on July 5. The sampling program will be similar to that of the wells, each sump once per quarter for VOCs.
- 1. See well analyses, attached.

- A. Continue re-developing the wells due to excessive silt build up.
- B. Will continue with different amounts of vacuum and air assist to optimize yield of DNAPL.
- C. All wells that are not pumpable will be attempted to be brought back on line.

Detrex Ashtabula, OH DNAPL Well VOC Analyses

July 12, 2007

Date Sampled	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07	06/01/07
Well Number	MW-21	MVV-02S	MW-04S	MVV-10	MW-17S	MW-18S	RMI-N	RMI-S	Trip Blanl
VOC									
1,1,1-Trichloroethane, ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	1910	ND	ND	ND	ND	ND_
1,1,2-Trichloroethane, ug/l	ND	ND	47	34	ND	ND	ND	ND	ND
1,1-Dichloroethene, ug/l	ND	ND	890	186	ND	ND	ND	ND	ND
1,3-Dichlorobenzene, ug/l	ND	ND	ND	ND	ND_	ND	ND	ND_	ND
Choroform, ug/l	ND	ND	ND	330	ND	ND_	ND	ND	ND
Methylene Chloride, ug/l	ND	ND	ND	ND	ND	ND_	ND	ND	ND
Trichloroethene, ug/l	ND	ND	39,300	66,600	ND	ND_	ND	8.93	ND
								_	
Date Sampled	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07		
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	Trip Blank		
VOC									
1,1,1-Trichloroethane, ug/l	ND	ND	ND	ND	ND	ND	ND		
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	1920	ND	ND	ND		
1,1,2-Trichloroethane, ug/l	ND	ND	ND	ND	ND	ND	ND-		
1,1-Dichloroethene, ug/l	ND	ND	771	ND	ND	ND	ND		
1,3-Dichlorobenzene, ug/l	ND	ND	ND	ND	ND	ND	ND		
Choroform, ug/l	ND	ND	ND	287	ND	ND	ND		
Methylene Chloride, ug/l	ND	ND	ND	ND	ND	ND	ND		
Trichloroethene, ug/l	ND	ND	35,400	59,400	2.61	ND	ND		
								1	
Date Sampled	11/03/06	11/03/06	I 11/03/06	11/03/06	11/03/06	11/03/06	11/03/06		

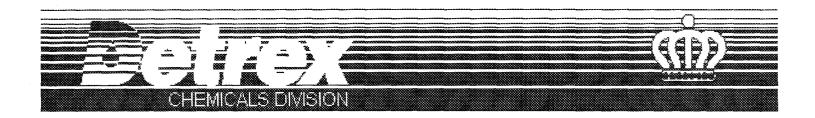
Date Sampled	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06
Well Number	MW-21	MW-02S	MVV-04S	MW-10	MW-17S	MW-18S	Trip Blank
VOC							
1,1,1-Trichloroethane, ug/l	ND	ND	ND	9.64	ND	ND	ND
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	2620	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	61.6	80	ND	ND	ND
1,1-Dichloroethene, ug/l	ND	ND	806	ND	ND	ND	ND

Detrex Ashtabula, OH Well Water and DNAPL Levels

July 12, 2007

May 21, 2007				
Well	Depth	Depth	Depth to	Depth of
Number	To Water	_to DNAPL	Bottom	DNAPL
RMW-1	4.20	19.40	26.80	7.40
RMW-2	6.10	20.90	23.80	2.90
RMW-3	7.40	14.70	24.80	10.10
MW-7	6.60	9.20	14.20	5.00
MW-10	5.00	18.60	20.10	1.50
MW-01S	Well no longe	r exists.		
MW-02S	4.20	None	15.10	None
MW-02D	37.00	None	52.80	None
MW-04S	7.00	None	16.80	None
MW-17D	3.50	None	50.50	None
MW-17S	4.60	None	17.20	None
MW-18D	7.00	None	53.10	None
MW-18S	2.80	None	17.20	None
MW-20S				
MW-21	5.20	None	28.20	None
SLURRY NORTH	8.70	None	18.90	None
SLURRY SOUTH	10.60	None	22.40	None
RMIMW-05S	Well no longe	r exists.		

February 2, 2007]			
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.10	18.00	26.70	8.70
RMW-2	6.00	20.30	23.80	3.50
RMW-3	6.00	15.50	24.80	9.30
MVV-7	6.00	6.60	14.40	7.80
MVV-10	5.00	18.70	20.30	1.60
MW-01S	Well no longe	r exists.		
MW-02S	2.80	None	14.90	None
MW-02D	37.60	None	52.90	None
MW-04S	7.00	None	16.70	None
MW-17D	5.80	None	50.70	None
MW-17S	3.10	None	17.20	None
MW-18D	14.60	None	51.00	None
MW-18S	2.60	None	17.00	None



May 16, 2007

Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4668 9238

Subject:

Monthly Status Report-April 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the month of April 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib

Operations Manager

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 DETREX SOURCE AREA MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

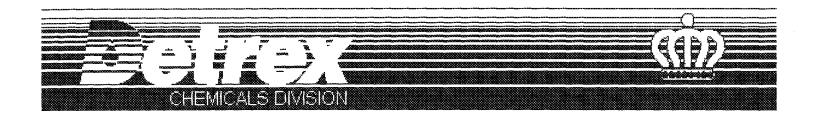
Month of April 2007.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD	YEAR TO DATE	TOTAL
	GALLONS	GALLONS	GALLONS
Estimated DNAPL Recovered	-0- (Does not include volume in settling tank)	350	14,530
DNAPL Disposed	-0-	-0-	13,980

- A. Vacuum is at 20 inches. A control valve has been installed for better control of vacuum at 20 inches.
- B. Wells 1, 2, 4, 5, 8, 9, 10, and 12 have been repaired and are being pumped on a regular basis.
- C. Well numbers 6, 7, and 11 are not pumpable and will be repaired.
- D. Well 3 is not pumpable and needs repaired. This is under investigation.
- E. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- F. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult
- G. There has been DNAPL recovered this month but not in sufficient volume to warrant pumping from the inside settling tank to the outside settling tank.

- A. Continue re-developing the wells due to excessive silt build up.
- B. Will continue with different amounts of vacuum and air assist to optimize yield of DNAPL.
- C. Work with URS to optimize current system.
- D. All wells that are not pumpable will be attempted to be brought back on line.



April 19, 2007

Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4668 9221

Subject:

Monthly Status Report-March 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the month of March 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib

Operations Manager

Thema W. Steel

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 DETREX SOURCE AREA

MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

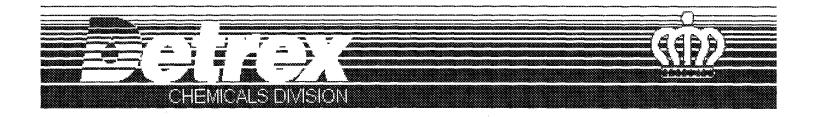
Month of March 2007.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD	YEAR TO DATE	TOTAL
	GALLONS	GALLONS	GALLONS
Estimated DNAPL Recovered	50 (Does not include volume in settling tank)	350	14,530
DNAPL Disposed	-0-	-0-	13,980

- A. Vacuum is at 20 inches. A control valve has been installed for better control of vacuum at 20 inches.
- B. Wells 2, 4, 9, 10, 11, and 12 have been repaired and are being pumped on a regular basis.
- C. Well numbers 5 and 6 not pumpable and will be repaired.
- D. Wells 1, 7, and 8 are being repaired.
- E. Well 3 is not pumpable and needs repaired. This is under investigation.
- F. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- G. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.

- A. Continue re-developing the wells due to excessive silt build up.
- B. Will continue with different amounts of vacuum and air assist to optimize yield of DNAPL.
- C. Work with URS to optimize current system.
- D. All wells that are not pumpable will be attempted to be brought back on line.



March 27, 2007

Ms. Terese Van Donsel United States Environmental Protection Agency Office of Superfund, Region 5 SR-6J 77 West Jackson Chicago, IL 60604-3590

Certified Mail, Return Receipt: 7004 1160 0003 4668 9191

Subject:

Monthly Status Report-January and February 2007

Fields Brook Superfund Site

Detrex Source Area-Ashtabula, Ohio

Dear Ms. Van Donsel,

Detrex is submitting the enclosed monthly status report for the months of January and February 2007, for the Detrex Source Area Project.

If you have any questions, please contact me at (440) 997-6131, ext. 201.

Sincerely,

Thomas W. Steib

Operations Manager

FIELDS BROOK SUPERFUND SITE, OPERABLE UNIT #2 DETREX SOURCE AREA MONTHLY TECHNICAL STATUS REPORT

Project Phase:

Remedial Design and Remedial Action.

Prepared by:

Tom Steib of Detrex Corporation.

Period:

Months of January and February 2007.

1. Progress Made This Reporting Period:

ACTIVITY	THIS PERIOD	YEAR TO DATE	TOTAL
	GALLONS	GALLONS	GALLONS
Estimated DNAPL Recovered	300 (Does not include volume in settling tank)	300	14,480
DNAPL Disposed	-0-	-0-	13,980

- A. Vacuum is at 20 inches. A control valve has been installed for better control of vacuum at 20 inches.
- B. Well 8 is dry.
- C. Wells 2, 4, 9, 10, 11, and 12 have been repaired and are being pumped on a regular basis.
- D. Wells number 5 and 6 are plugged and needs repaired.
- E. Well 1 and 7 are being repaired.
- F. Well 3 is not pumpable and needs repaired. This is under investigation.
- G. All pumpable wells have to be flushed with water frequently to get the sediment out of the well insert to be able to pump.
- H. Generating excessive amount of silt with the northern wells showing more silt than the east wells. Some of this silt causes difficulty in phase separation. Some of the silt settles to the bottom, while some silt gets caught in the rag layer between the DNAPL and the water, making the phase separation more difficult.
- I. Submitted work plan March 5, 2007 for installation of two experimental wells.
- J. See well levels and DNAPL levels, attached.

- A. Continue re-developing the wells due to excessive silt build up.
- B. Will continue with different amounts of vacuum and air assist to optimize yield of DNAPL.
- C. Work with URS to optimize current system.
- D. Insulation for winter operations.
- E. All wells that are not pumpable will be attempted to be brought back on line.

Detrex Ashtabula, OH Well Water and DNAPL Levels

March 27, 2007

February 2, 2007				
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.10	18.00	26.70	8.70
RMW-2	6.00	20.30	23.80	3.50
RMW-3	6.00	15.50	24.80	9.30
MW-7	6.00	6.60	14.40	7.80
MW-10	5.00	18.70	20.30	1.60
MW-01S	Well no longe	r exists.		
MW-02S	2.80	None	14.90	None
MW-02D	37.60	None	52.90	None
MW-04S	7.00	None	16.70	None
MW-17D	5.80	None	50.70	None
MW-17S	3.10	None	17.20	None
MW-18D	14.60	None	51.00	None
MW-18S	2.60	None	17.00	None
MW-20S				
MW-21	3.50	None	28.20	None
SLURRY NORTH	Access	Blocked		
SLURRY SOUTH	Access	Blocked		
RMIMW-05S	Well no longe	r exists.		

November 7, 2006	7			
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.50	18.00	26.60	8.60
RMW-2	6.10	20.40	23.80	3.40
RMW-3	6.30	15.50	24.80	9.30
MVV-7	6.60	6.70	14.40	7.70
MVV-10	5.10	18.80	20.20	1.40
MW-01S	Well no longe			
MW-02S	3.10	None	15.00	None
MW-02D	38.50	None	52.90	None
MW-04S	6.40	None	16.70	None
MW-17D	10.40	None	50.40	None
MW-17S	3.20	None	17.20	None
MW-18D	14.20	None	52.50	None
MW-18S	1.80	None	17.20	None

MW-20S				
MW-21	3.50	None	28.20	None
SLURRY NORTH	Access	Blocked		
SLURRY SOUTH	Access	Blocked		
RMIMW-05S	Well no longe			

August 9, 2006	}			
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.60	19.70	26.80	7.10
RMW-2	5.70	21.40	23.90	2.50
RMW-3	7.70	16.60	24.90	8.30
MW-7	NA	NA	NA	NA
MW-10	5.10	18.80	20.00	1.20
MW-01S	Well no longe	r exists.		
MW-02S	3.80	None	15.10	None
MW-02D	16.70	None	52.90	None
MW-04S	6.70	None	16.70	None
MW-17D	15.50	None	50.80	None
MW-17S	7.20	None	17.10	None
MW-18D	19.90	None	53.10	None
MW-18S	4.70	None	17.00	None
MW-20S				
MW-21	4.80	None	28.30	None
SLURRY NORTH	Access	Blocked		
SLURRY SOUTH	Access	Blocked		
RMIMW-05S	Well no longe	r exists.		

May 18, 2006	1			
Well	Depth	Depth	Depth to	Depth of
Number	To Water	to DNAPL	Bottom	DNAPL
RMW-1	4.20	19.40	26.80	7.40
RMW-2	5.30	21.00	23.80	2.80
RMW-3	6.40	14.60	18.20	3.60
MW-7	NA	NA	NA	NA
MVV-10	5.00	None	20.10	None
MW-01S	Well no longe	r exists.		
MW-02S	2.90	None	14.90	None
MW-02D	24.80	None	52.20	None
MW-04S	5.50	None	16.80	None
MW-17D	26.30	None	50.30	None

Detrex Ashtabula, OH DNAPL Well VOC Analyses

March 27, 2007

Date Sampled	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07	03/15/07
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	Trip Blank
VOC							
1,1,1-Trichloroethane, ug/l	ND						
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	1920	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND						
1,1-Dichloroethene, ug/l	_ND	ND	771	ND	ND	ND	ND
1,3-Dichlorobenzene, ug/l	ND						
Choroform, ug/l	ND	ND	ND	287	ND	ND	ND
Methylene Chloride, ug/l	_ND	ND	ND	ND_	ND	ND	ND
Trichloroethene, ug/l	ND	ND	35,400	59,400	2.61	ND	ND
Date Sampled	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06	11/03/06
Well Number	MW-21	MW-02S	MW-04S	MVV-10	MW-17S	MW-18S	Trip Blank
VOC							
1,1,1-Trichloroethane, ug/l	ND	ND	ND	9.64	ND _	ND	ND
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	2620	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	61.6	80	ND	ND	ND_
1,1-Dichloroethene, ug/l	ND	ND	806	ND	ND	ND_	ND
1,3-Dichlorobenzene, ug/l	ND	ND	ND	ND	ND	ND_	ND
Choroform, ug/l	ND	ND	ND	405	ND	ND	ND_
Methylene Chloride, ug/l	ND						
Trichloroethene, ug/l	ND	ND	40,500	77,000	ND	ND_	ND
	-						
Date Sampled	09/15/06	08/10/06	08/10/06	08/10/06	08/10/06	08/10/06	08/10/06
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	Trip Blank
VOC							
1,1,1-Trichloroethane, ug/l	ND	ND	ND	6.56	ND	ND	ND
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	3320	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	58.5	31.3	ND	ND	ND
1,1-Dichloroethene, ug/l	ND	ND	798	ND	ND	ND	ND

1,3-Dichlorobenzene, ug/l	ND						
Choroform, ug/l	ND	ND	ND	334	ND	ND	ND
Methylene Chloride, ug/l	ND						
Trichloroethene, ug/l	ND	ND	33,200	45,300	ND	ND	ND
Date Sampled	05/19/06	05/19/06	05/19/06	05/19/06	05/19/06	05/19/06	05/19/06
Well Number	MW-21	MW-02S	MW-04S	MW-10	MW-17S	MW-18S	Trip Blank
VOC							
1,1,1-Trichloroethane, ug/l	ND						
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	2060	ND	ND	ND
1,1,2-Trichloroethane, ug/l	ND	ND	ND	ND	ND	ND	ND_
1,1-Dichloroethene, ug/l	ND	ND	736	ND	ND_	ND	ND
1,3-Dichlorobenzene, ug/l	ND						
Choroform, ug/l	ND						
Methylene Chloride, ug/l	ND	ND	ND	ND	ND	ND	1.02
Trichloroethene, ug/l	ND	ND	50,300	77,500	ND	1.15	5.27
Date Sampled	03/13/06	03/13/06	03/13/06	03/13/06	03/13/06	03/13/06	-
Well Number	MW-21	MW-02S	MVV-04S	MW-10	MW-17S	MW-18S	7
VOC							
1,1,1-Trichloroethane, ug/l	ND	ND	ND	NA	ND	ND	7
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	NA	ND	ND	1
1,1,2-Trichloroethane, ug/l	ND	ND	53	NA	ND	ND	7
1,1-Dichloroethene, ug/l	ND	ND	1,060	NA	ND	ND	7
1,3-Dichlorobenzene, ug/l	ND	ND	ND	NA	ND	ND	
Choroform, ug/l	ND	ND	ND	NA	ND	ND	7
Methylene Chloride, ug/l	ND	ND	ND	NA	ND	ND	7
Trichloroethene, ug/l	ND	ND	84,000	NA	ND	ND	
							
Date Sampled	01/10/06	01/10/06	01/10/06	01/10/06	01/10/06	01/10/06	
Well Number	MW-21	MW-02S	MW-04S	MVV-10	MW-17S	MVV-18S	
VOC							
1,1,1-Trichloroethane, ug/l	ND	ND	ND	15.4	ND_	ND	
1,1,2,2-Tetrachloroethane, ug/l	ND	ND	ND	1790	ND	ND	
1,1,2-Trichloroethane, ug/l	ND	ND	64.4	21.2	ND	ND	
1,1-Dichloroethene, ug/l	ND	ND	733	209	ND	ND	
1,3-Dichlorobenzene, ug/l	ND	ND	ND	ND	ND	ND	